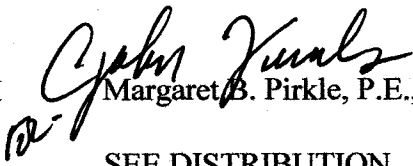


ORIGINAL TO GENERAL FILES

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 421345-, Coffee County **OFFICE** Preconstruction
STP-036(19)
SR 32 Widening and Reconstruction **DATE** August 4, 2006

FROM  Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

TO SEE DISTRIBUTION

SUBJECT APPROVED NOTICE OF LOCATION AND DESIGN

Attached for your further handling is the approved Location and Design Report on the above subject project.

Also attached is the Notice of Location and Design Approval. This is authorization for the District to proceed with advertisement.

Attachment

DISTRIBUTION:

Brian Summers
Harvey Keepler
Ken Thompson
Michael Henry
Keith Golden
Joe Palladi
Paul Liles
Brent Story
Joe Sheffield
BORAD MEMBER

442


**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENTAL CORRESPONDENCE

FILE: STP-036 (19) Coffee Co.
P.I. NO. 421345

OFFICE: Road Design

DATE: July 28, 2006

FROM:  Brent A. Story, P.E., State Road & Airport Design Engineer

TO: Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

SUBJECT: Request for Location and Design Approval

Description and Project Proposal:

Project STP-036-1(19) SR 32 Widening and Reconstruction begins at the CSX Railroad bridge just west of County Road 296/Troy Carter Road and continues southeasterly to the western City Limits of the City of Douglas, tying into the 5-lane section of the "Douglas One Way Pairs" project (STP-036-1(13)) that is completed. There are no major structures on this project. Total length of the project is approximately 4.2 miles

The proposed project widens the existing two lanes by constructing a 5-lane roadway (four lanes with a 14 ft. flush median). Shoulders will be 10 feet wide with roadside ditches. Approximately 10% of the project is curb and gutter with 5 ft. sidewalks in order to reduce impact to a cemetery, radio station, dam, historical site and the residential area at the end of the project

Right-of way for the proposed project is 160 feet.

Revised Project Concept Report Approval Date: February 11, 2003

Original Location and Design Approval Date: January 5, 2000

Environmental Assessment Approval Date: (F.O.N.S.I.) July 5, 1995

Public Involvement: A location and design public hearing was held on the STP-036-1(19) project on February 16, 1995 at the Satilla Regional Library in Douglas, Georgia.

A Total of 17 people attended this public hearing. The results of that hearing were:

Responses – 7 Oppose – 0 Support – 7 Uncommitted/Conditional – 0

Consistency with Approved Planning:

The design description as presented herein and submitted for approval is consistent with the approved Revised Concept Report.

Recommendations: This office recommends that the location and design for the project be approved and that the attached Notice be approved for advertising.

BAS:MBM:JRV


Attachments:

Sketch Map
Cost Estimate
Notice of Location and Design Approval

RECOMMEND:

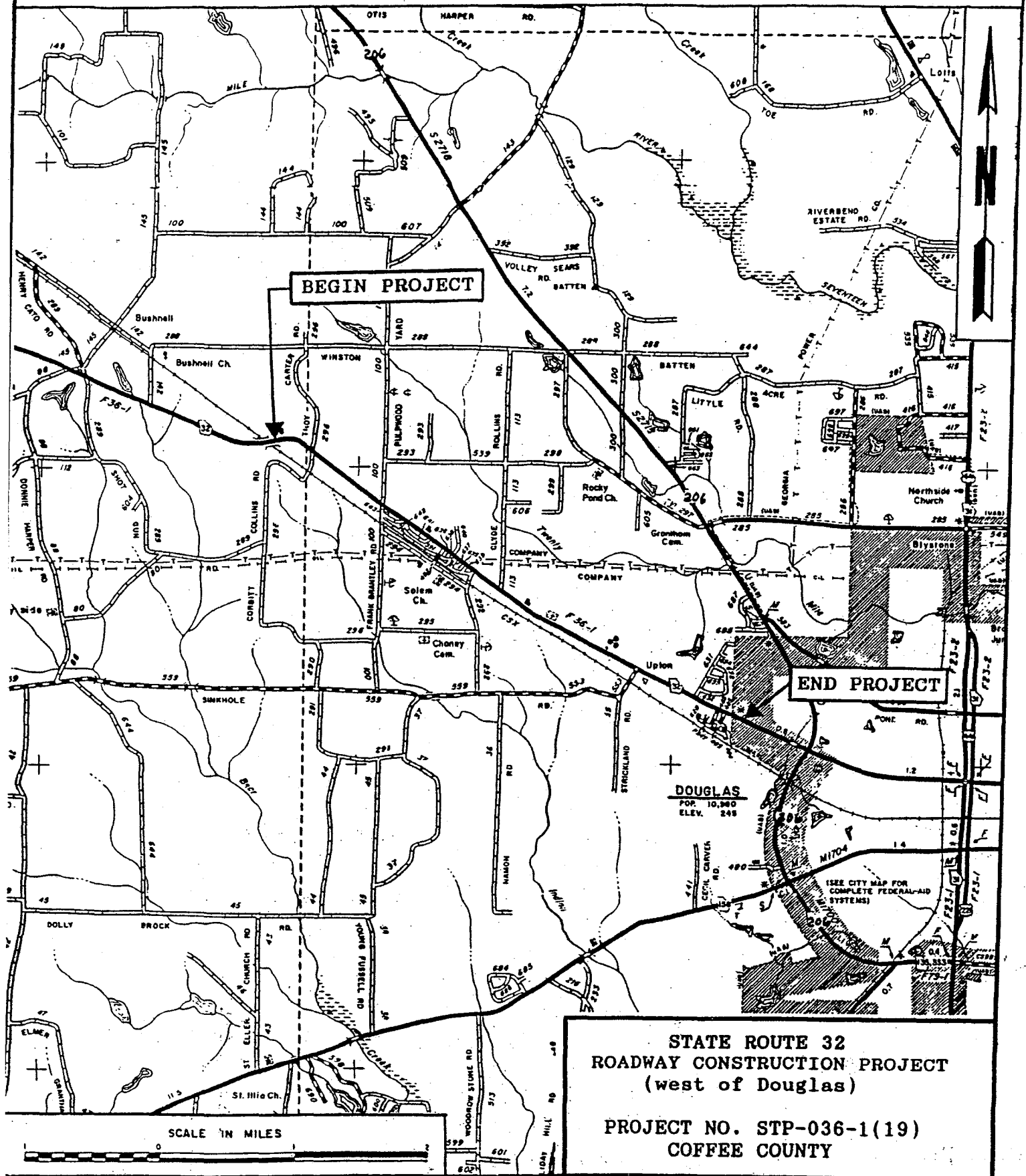

Director of Preconstruction

APPROVE:


Chief Engineer

8/2/06
Date

LOCATION SKETCH



**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

REVISED PROJECT COSTS ESTIMATE

(M:\421345\LETTERS\CostEst.doc)

STP-036-1(19) Coffee Co.
P.I. NO. 421345

July 28, 2006

A. RIGHT-OF-WAY: "See Attachments"

| | | |
|----------------------------|-------|--------------|
| NET COST: | _____ | \$ 1,037,800 |
| SCHEDULING CONTINGENCY 55% | _____ | \$ 570,800 |
| ADM./CORT COST 60% | _____ | \$ 965,200 |
| INFLATION FACTOR 40% | _____ | \$ 1,029,500 |
| SUBTOTAL _____ | | \$ 3,603,300 |

B. REIMBURSABLE UTILITIES: "See Attachments"

SUBTOTAL _____ \$ 793,000

C. CONSTRUCTION COST "See Attachments"

| | | |
|----------------------------------------|-------|---------------|
| 1. GRADING AND DRAINAGE: | _____ | \$ 1,215,000 |
| 2. BASE AND PAVING: | _____ | \$ 6,133,000 |
| 3. LUMP ITEMS: | _____ | \$ 1,507,000 |
| 4. MISCELLANEOUS | _____ | \$ 89,000 |
| SUBTOTAL CONSTRUCTION COST _____ | | \$ 8,944,000 |
| ENGINEERING & CONTINGENIES (10%) _____ | | \$ 894,000 |
| INFLATION 5 yrs @ 4 % _____ | | \$ 2,131,000 |
| SUBTOTAL _____ | | \$ 11,969,000 |

TOTAL \$ 16,365,300

* * *

CONCEPT COST ESTIMATE

July 28, 2006 1:36 PM

County(s)

PI Number Project Number

Project Name Project Length Miles

Project Description

Widening and reconstruction of SR 32 to a five-lane rural roadway for 3.9 miles to CR 631. Then five-lane urban roadway for 0.3 miles to city limits of Douglas.

Existing Roadway

Comments

TRAFFIC:

Current Design Year Daily Volume (AADT)

Future Design Year Daily Volume (AADT)

☒ Concept Estimate

☐ Feasibility Estimate

Typical Section(s) Used in Estimate

Typical Section Length

| | |
|-------------------------------------------------------------------------------------|-----------------------------------------|
| <input type="text" value="Rural Widening: 2 to 4-Lanes with 14 ft. Flush Median."/> | <input type="text" value="3.90"/> Miles |
| <input type="text" value="Urban Widening: 2 to 4-Lanes with 14 ft. Flush Median"/> | <input type="text" value="0.30"/> Miles |
| <input type="text"/> | <input type="text"/> Miles |
| <input type="text"/> | <input type="text"/> Miles |
| <input type="text"/> | <input type="text"/> Miles |
| <input type="text"/> | <input type="text"/> Miles |

Prepared By

Typical Section

Typical Section Length 4.20 MilesRight-of-Way Width 160 Feet

GRADING AND DRAINAGE

1. EARTHWORK

- a. Unclassified Excavation Soil
- b. Unclassified Excavation Rock
- c. Borrow Excavation

2. MINOR DRAINAGE

| QUANTITY | | UNIT COST | TOTAL |
|-------------------------------|----|-----------|-------------|
| 70,000 | CY | 7.24 | 507,000 |
| | CY | | |
| 42,500 | CY | 6.07 | 258,000 |
| 5.00 | MI | 90,000 | 450,000 |
| GRADING AND DRAINAGE SUBTOTAL | | | \$1,215,000 |

BASE AND PAVING

1. GRADED AGGREGATE BASE

2. ASPHALT PAVING

- a. Asph Conc 9.5 mm Superpave
- b. Asph Conc 12.5mm Superpave
- c. Asph Conc 25 mm Superpave
- d. Bituminous Tack Coat

3. CONCRETE PAVING

- a. Curb and Gutter
- b. Miscellaneous

4. OTHER PAVING

| THICKNESS and SPREAD RATE | QUANTITY | | UNIT COST | TOTAL |
|------------------------------|----------|----|--------------|-------------|
| 10" | 140,000 | SY | 13.64 | 1,909,600 |
| 1 1/2" (165 LB/SY) | 16,300 | TN | 53.31 | 869,000 |
| 2" (220 LB/SY) | 18,500 | TN | 56.37 | 1,042,800 |
| 4" (440 LB/SY) | 30,400 | TN | 56.65 | 1,722,200 |
| | 13,000 | GL | 1.57 | 20,400 |
| | 5,000 | LF | 16.40 | 82,000 |
| | 4.00 | MI | 46,750 | 187,000 |
| | | | | 300,000 |
| BASE AND PAVING SUBTOTAL | | | | \$6,133,000 |

LUMP ITEMS

- 1. TRAFFIC CONTROL
- 2. CLEARING AND GRUBBING
- 3. EROSION CONTROL
- 4. SIGNING & MARKING
- 5. MISCELLANEOUS

| QUANTITY | | UNIT COST | TOTAL |
|--------------------|----|-----------|-------------|
| 4.20 | MI | 65,000 | 273,000 |
| 76.00 | AC | 6,600 | 502,000 |
| 4.20 | MI | 80,200 | 337,000 |
| 4.20 | MI | 35,000 | 147,000 |
| 4.20 | MI | 59,000 | 248,000 |
| LUMP ITEM SUBTOTAL | | | \$1,507,000 |

MISCELLANEOUS PROJECT ITEMS

- 1. GUARDRAIL
- 2. GUARDRAIL ANCHORS
- 3. DETOURS
- 4. SPECIAL FEATURES

| | | | |
|------------------------|--|--|----------|
| STAGE CONSTRUCTION | | | 60,000 |
| MISCELLANEOUS SUBTOTAL | | | \$89,000 |

ESTIMATE SUMMARY

| TYPICAL SECTION | | COST (per mile) |
|--------------------------------------------------------------|----|------------------------|
| 1. 1. Rural widening: 2 to 4-Lanes with 14 ft. Flush Median. | | |
| PROJECT COST | | |
| A. MAJOR STRUCTURES | | |
| B. GRADING AND DRAINAGE | \$ | 1,215,000 |
| C. BASE AND PAVING | \$ | 6,133,000 |
| D. LUMP ITEMS | \$ | 1,507,000 |
| E. MISCELLANEOUS | \$ | 89,000 |
| SUBTOTAL CONSTRUCTION COST | \$ | 8,944,000 |
| ENGINEERING & CONTINGENCIES (10%) | \$ | 894,000 |
| INFLATION <u>5</u> yr(s) @ <u>4</u> % per yr | \$ | 2,131,000 |
| GRAND TOTAL CONSTRUCTION COST | \$ | 11,969,000 |

NOTICE OF LOCATION AND DESIGN APPROVAL

SR 32 WIDENING AND RECONSTRUCTION

COFFEE COUNTY

PROJECT NUMBER: STP-036-1(19)

P. I. NUMBER: 421345

Notice is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of the above project.

The date of location approval is AUGUST 4, 2006

Project STP-036-1(19) SR 32 Widening and Reconstruction begins at the CSX Railroad bridge just west of County Road 296/Troy Carter Road and continues southeasterly to the western City Limits of the City of Douglas, tying into the 5-lane section of the "Douglas One Way Pairs" project (STP-036-1(13) that is completed. There are no major structures on this project. Total length of the project is approximately 4.2 miles

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Right-of way for the proposed project is 160 feet.

The project is 100% located in Coffee County District 4. The Land Lots wherein the project is located include: 51, 52, 87, 86, 99, 132 & 131.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Keith Carver, Area Engineer
Georgia Department of Transportation
District 4
1835 S Peterson Ave.
Douglas, Ga. 31535
(912) 389-4201
Keith.Carver@dot.state.ga.us

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Brad McManus, Project Manager
Georgia Department of Transportation
Office of Road Design
No. 2 Capitol Square, S.W., Room 444
Atlanta, Georgia 30334-1002
(404) 656-5407
Brad.Mcmanus@dot.state.ga.us

Any written request or communication in reference to this project or notice SHOULD include the Project and P.I. Numbers as noted at the top of this notice.